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(71) Applicant and

(72) Inventor: **WEBB, Homer, L.** [US/US]; 5217 Old Spice-wood Springs Road, Apartment 2102, Austin, TX 78738 (US).

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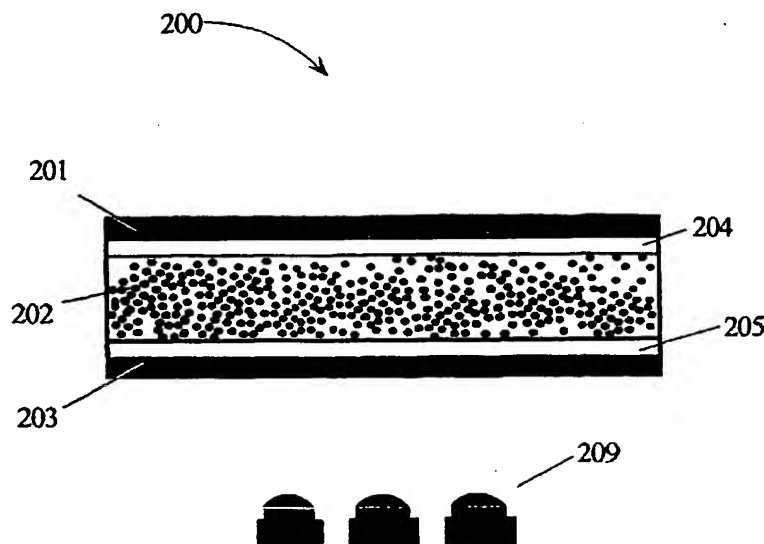
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(74) Agents: **GARSSON, Ross, Spencer et al.**; Winstead Sechrest & Minick P.C., P.O. Box 50784, 1201 Main Street, Dallas, TX 75250-0784 (US).

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(54) Title: A FIELD SEQUENTIAL DISPLAY DEVICE AND METHODS OF FABRICATING SAME



(57) Abstract: A device adapted for use in a field-sequential color display. The device may include first and second polarizers. A light scattering material may be disposed between the first and second polarizers. Additionally, the display may include a light source having a plurality of colors. Portions of the light scattering material are operable for selectable excitation. An excitation of a portion of the light scattering material is operable for controlling an amount of light of a color of the plurality of colors emitted by the display device. Further, sub-frames from which an image frame is composed may be addressed in a segmented fashion, whereby each sub-frame includes a plurality of segments. The light source is correspondingly pulsed in a segmented fashion. A given segment may be illuminated in a different color in each sub-frame. In this way, perceived flicker may be reduced.

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